

ABSTRACT

A light emitting diode comprising a light emitting diode element 20 mounted on a glass epoxy substrate 12, this light emitting diode element 20 being protected at its surface side by a resin seal member (33), in which: a light emitting diode element for blue luminescence, formed of gallium nitride type compound semiconductor is used as the above-mentioned light emitting diode element 20; and a fluorescent material containing layer 21 composed of a fluorescent material dispersed into an adhesive is arranged on the back side of this light emitting diode element. On the back side of the light emitting diode element 20, blue luminescence is converted in wavelength to produce white luminescence of high intensity.

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